

REFERENCES

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- ⁴ Queensland Government. 2014. Working at Heights Guideline. Department of Education, Training and Employment.
- ⁵ Worksafe Victoria. 2005. Prevention of Falls – ladders. WorkSafe Victoria. https://www.worksafe.vic.gov.au/_data/assets/pdf_file/0018/9162/WSV958_02_08.10.pdf
- ⁶ Bailey. Retail Ladder Guide. Bailey Ladders.

Don't become another statistic:

Choose the right ladder for the job



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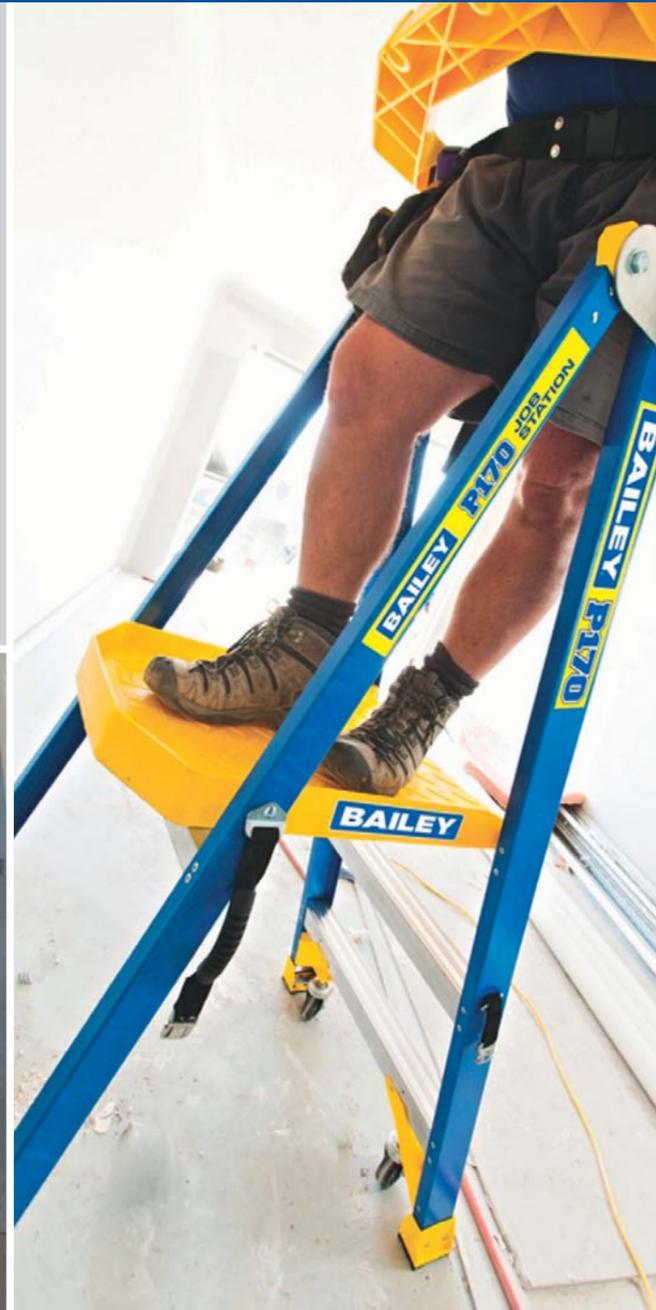
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Introduction

Misuse of ladders can result in injury or death and can become costly to the company responsible.

Over one-quarter (28 per cent) of construction deaths in Australia from 2010-2013 were caused by falls from a height and most involved ladders, mobile ramps and stairways, and scaffolding.¹

Before undertaking any work at height, consider the operating environment, the task at hand, the people and tools required and the duration of the task.



Safe use and a safe workplace

Put simply, the employer must work to reduce the risk of injury in the workplace.

The Working at Heights Guideline defines a fall hazard as “a situation where a person is exposed to a risk of a fall from one level to another that is reasonably likely to cause injury.”²

The Work Health and Safety Regulation 2011 specifies that “If it is not reasonably practicable to eliminate the risk of a fall...The regulation requires a PCBU to minimise the risk of a fall by providing adequate protection against the fall risk.”³

The regulation provides a five level hierarchy of control that stipulates how a fall hazard should be managed.⁴ The hierarchy starts with the most effective hazard control strategy (eliminate the hazard) and progresses through to a low order control, which may only be used when it is not reasonably practicable to use a higher one. Using a ladder or implementing administrative controls comes in at level 5. As a low order control, care must be taken not only in using the ladder and ensuring it is set up in the correct manner⁵, but ensuring the ladder of choice is the right tool for the job.

The right ladder

When choosing the correct ladder for the workplace, there are a number of criteria to consider.

Domestic or Industrial – Only an industrial rated ladder with a minimum load rating of 120kg can be used in the workplace.⁶

Ladder height – The ladder height and maximum reach height varies depending on if you are using a stepladder or extension ladder. Before you

purchase a ladder, it's best to speak with staff, WH&S representatives or a height safety specialist.

Ladder construction – An aluminium ladder is lightweight and is appropriate for general trade and DIY use, whereas a fibreglass ladder is appropriate for use where electricity exists.



Before undertaking any work at height, consider the operating environment, the task at hand, the people and tools required and the duration of the task

CASE STUDY: Bailey Ladders

Bailey Ladders are manufactured from aluminium and fibreglass in both riveted and Punchlock designs. This versatility in manufacture allows customers to choose ladder products to suit differing applications and budgets.

Trade users recognise Bailey for strength and durability and many ladders within the Bailey range are manufactured using a ‘Punchlock’ swaging process in their tread to stile connections. The trade market recognises that a Bailey ladder is extremely durable for this reason.

Another Bailey innovation is the unique double hollow tread design which resists twisting and increases the ladders rigidity and stiffness. Solid triangular bracing provides the strongest support between the tread and stile and eliminates catch points. These designs result in a strong, lightweight ladder.

Platform stepladders offer many performance benefits over a traditional stepladder.

The Bailey P150 is the latest innovation in the Bailey platform stepladder range and is available in both aluminium and fibreglass. It is lightweight and highly portable and is up to 25% lighter than competitive

products. It's fully functional handrail has a magnetised section that helps secure tools and fasteners and a large 490 x 400mm standing area. It has a diamond plate deck pattern, which provides an anti-slip standing area and DropLok' job bucket accessories increase productivity and efficiency.

The P170 Job Station is another innovation from Bailey. It has a massive 610 x 460mm platform, a 170kg load rating, a carry handle and a multi-function handrail with optional ‘DropLok’ accessories that convert the handrail into a Job Station improving productivity and efficiency. Available in both aluminium and fibreglass in sizes from 3-12, the P170 features large anti-slip feet for maximum stability and durability.

All products are manufactured and tested to Australian & New Zealand Standards AS/NZS 1892.

Bailey boasts a wide range of ladders for industrial and domestic use. The range includes step stools, single-sided, double-sided, dual purpose, platform stepladders, extensions, order pickers and access platforms.

Don't become another statistic; trust the ladders preferred and used by the trade - Bailey.